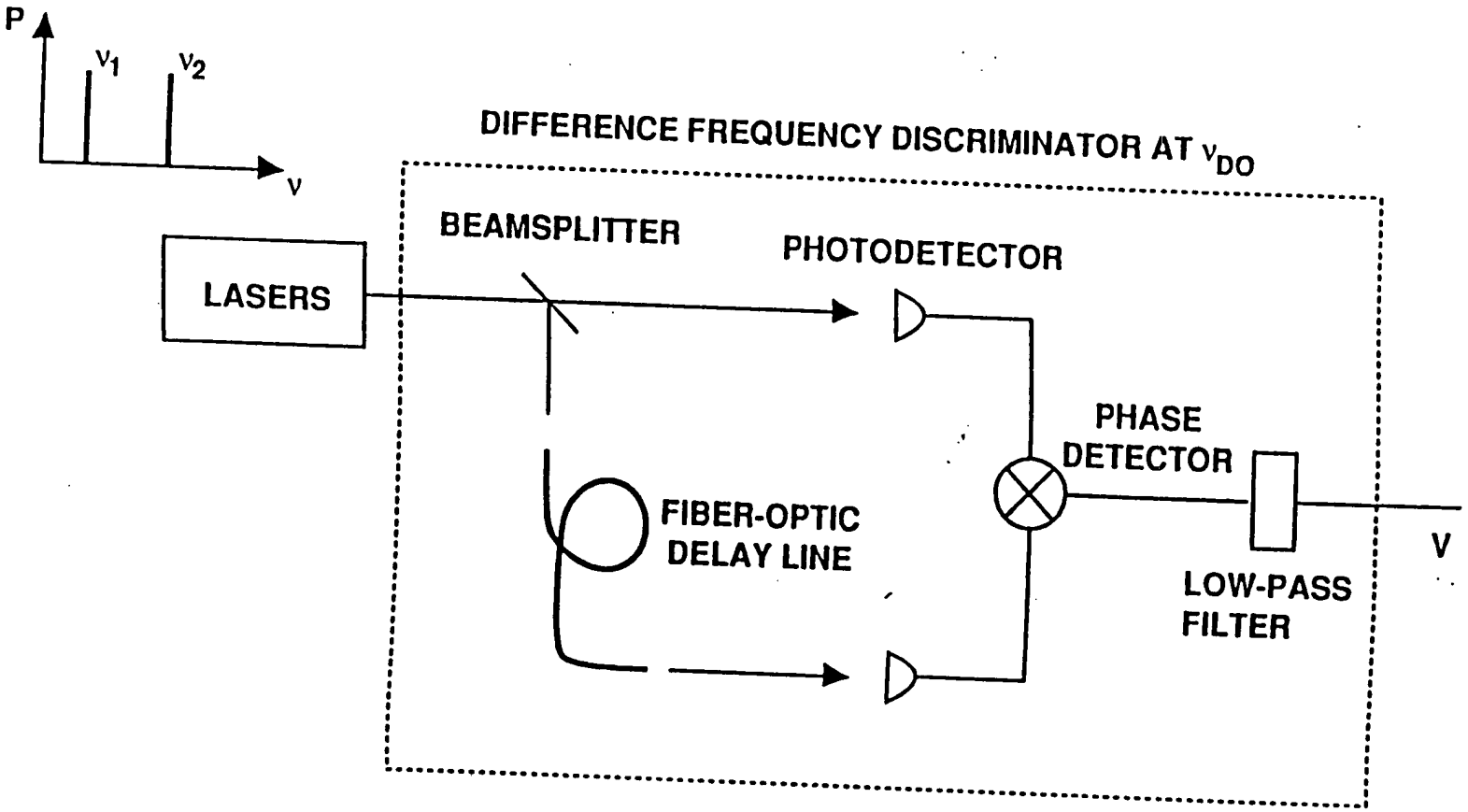
P
ν_1
ν_2
ν
DIFFERENCE FREQUENCY DISCRIMINATOR AT ν_{DO}
BEAMSPLITTER
PHOTODETECTOR
LASERS
PHASE
DETECTOR
FIBER-OPTIC
DELAY LINE
V
LOW-PASS
FILTER

Figure 1

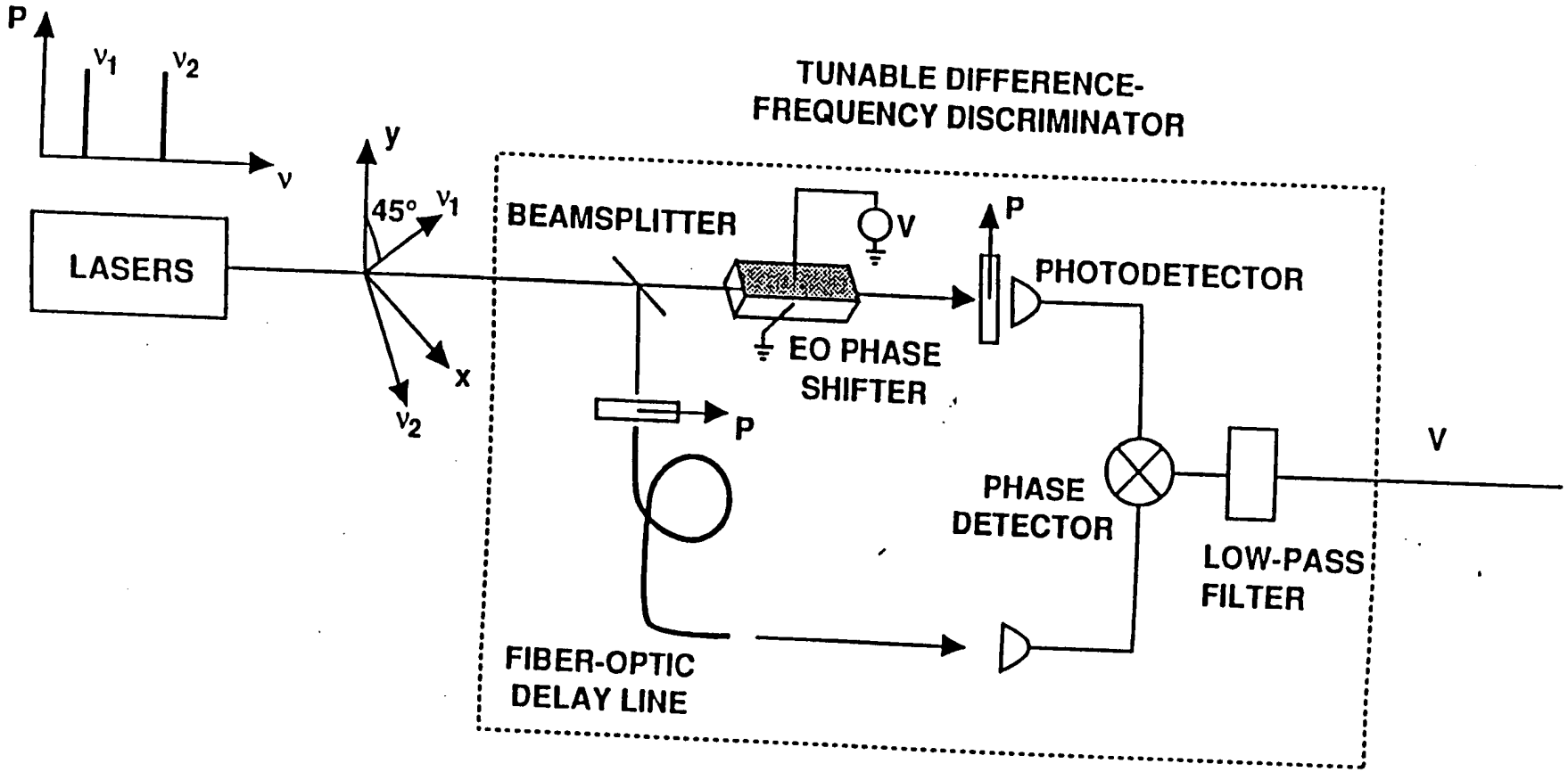
P
ν_1
ν_2
ν
y
45°
ν_1
x
ν_2
LASERS
TUNABLE DIFFERENCE-
FREQUENCY DISCRIMINATOR
BEAMSPLITTER
V
P
PHOTODETECTOR
EO PHASE
SHIFTER
P
V
PHASE
DETECTOR
LOW-PASS
FILTER
FIBER-OPTIC
DELAY LINE

Figure 2

STABILIZED TUNABLE SOURCE

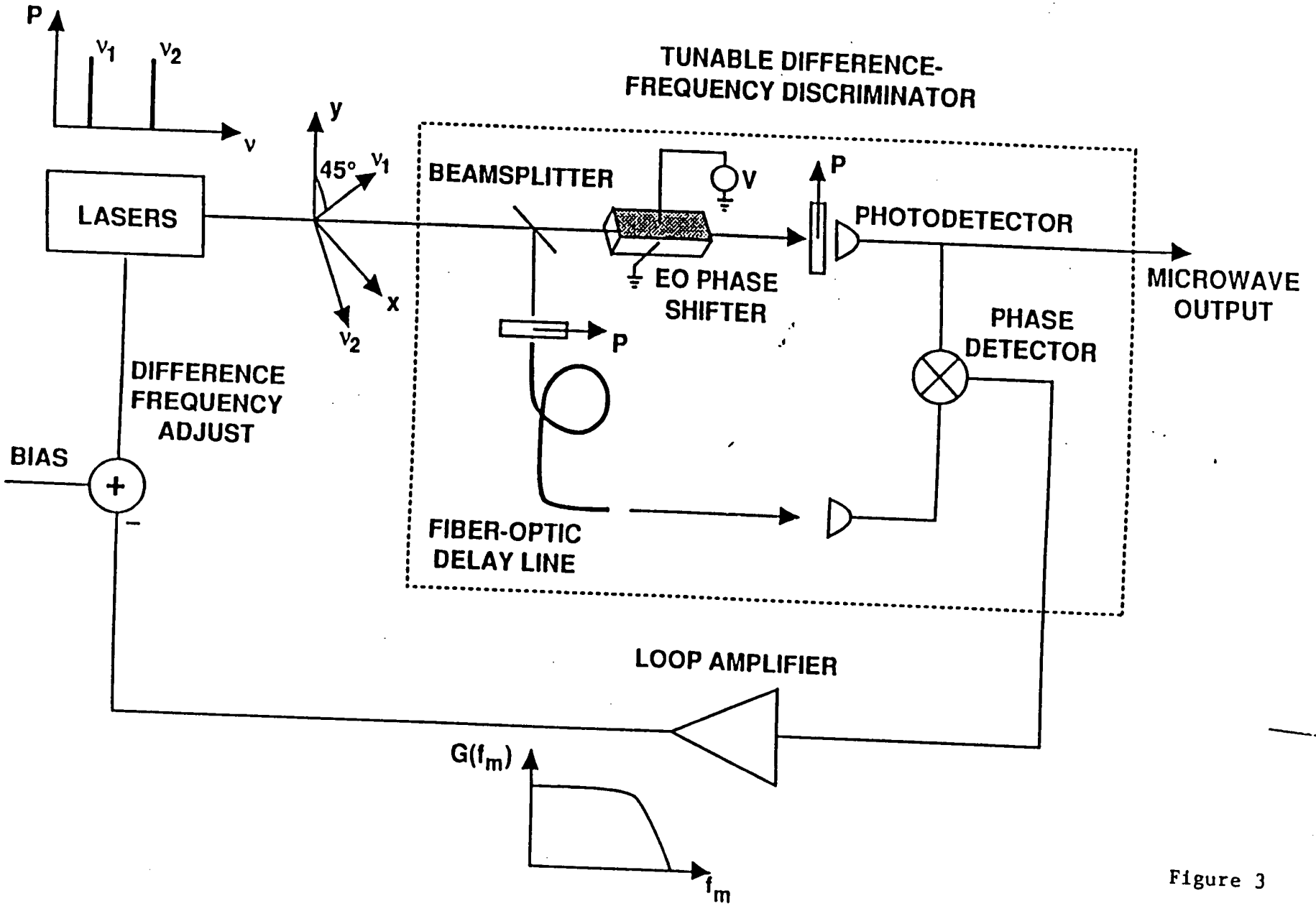

Figure 3